

SECTION I

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MATERIAL SAFETY DATA SHEET

MANUFACTURER'S NAME
STREET ADDRESS
CITY, STATE & ZIP
EMERGENCY TELEPHONE

Parks Corporation
One West Street
Fall River, MA 02720
(508) 679-5938

CHEMICAL NAME & SYNONYMS
CHEMICAL FAMILY
TRADE NAME

SIZES/CODES

Mixture
Nitrocellulose Lacquer
PRO FINISHER CLEAR
LACQUER GLOSS
5 Gallon #13-0632
Gallon #13-0633
Quart #13-0634

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENTS	CAS #	FORMULAS REVISED		PEL TWA	N.A. 03/10/95 TLV STEL	PEL STEL	PEL CEIL
		% WT	TLV TWA				
Isopropanol (Isopropyl Alcohol)	67-63-0	19.3	400	400	500	500	
*Methyl Isobutyl Ketone (MIBK) (4-Methyl 2-Pentanone)	108-10-1	13.3	50	100	75		
Isobutyl Isobutyrate (IBIB)	97-85-8	12.2	N.A.	N.A.			
*Toluene (Toluol) (Methyl Benzene)	108-88-3	9.9	50	200		500	300
Aliphatic Solvent	-----	8.6	N.A.	N.A.			
*Methyl Ethyl Ketone (MEK) (2-Butanone)	78-93-3	8.1	200	200	300	300	
Nitrocellulose (Gun Cotton)	9004-70-0	7.1	N.A.	N.A.			
Dilisononyl Phthalate	68515-48-0	4.9	5.0mg/m ³	N.A.			
Modified Glycerol Rosin Ester	68038-41-5	4.5	10mg/m ³	N.A.			
*Xylene, Mixed Isomers	1330-20-7	3.9	100	100	150	150	

SECTION III - PHYSICAL DATA

*SARA LISTED CHEMICAL. TITLE III, SECTION 313.

BOILING POINT (°F) 173 - 298°F
VAPOR PRESSURE @ 20°C 17.8 mmHg
VAPOR DENSITY (AIR = 1) Heavier than air
SOLUBILITY IN WATER Negligible
APPEARANCE Light amber, clear
ODOR Lacquer type odor

SPECIFIC GRAVITY (H₂O = 1) .88
PERCENT VOLATILE
BY VOLUME (%) 83.16%
EVAPORATION RATE
(ETHER = 1) Slower than Ether
V.O.C. < 673 g/l

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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PRO FINISHER CLEAR LACQUER GLOSS
HMIS RATING

REVISED: 03/10/95

HEALTH: 2 FLAMMABILITY: 3 REACTIVITY: 0 PERSONAL PROTECTION: H

FLASH POINT (METHOD USED): (TCC) 20°F (-6°C)

FLAMMABLE LIMITS: LEL .96%

FLAMMABILITY CLASS (OSHA): Flammable liquid - 1B. This is the OSHA classification. DOT may be different.

EXTINGUISHING MEDIA: Foam, carbon dioxide or dry chemical.

SPECIAL FIRE FIGHTING PROCEDURES: Water may be ineffective in fighting fire. If water is used to cool closed containers to prevent pressure buildup, fog nozzles are preferred. Full protective equipment, including self-contained breathing apparatus, is needed to protect fire fighters from exposure to coating's hazardous ingredients and hazardous decomposition products.

SECTION V - HEALTH HAZARD DATA

UNUSUAL FIRE AND EXPLOSION HAZARDS: During emergency conditions, overexposure to decomposition products (See Section VI) may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

EFFECTS OF OVEREXPOSURE: Causes eye burns. Harmful if swallowed. May cause nose and throat irritation. Causes skin irritation. May cause lung injury. May affect the brain or nervous system causing dizziness, headache or nausea. Harmful if inhaled.

Other effects of overexposure may include dizziness, narcosis, pneumoconiosis, drying of nasal mucosa, anesthesia, fatigue, vomiting, weakness, asphyxia, drowsiness, gastritis, shortness of breath, unconsciousness, inflammation of the mucous membranes of the nose and throat, reduced visibility, deposits in eyes, dermatitis, diarrhea, dehydration to skin, loss of coordination, irregular heartbeat, lacrimation, edema, pneumonia.

PRIMARY ROUTE(S) OF ENTRY: Inhalation, skin contact, ingestion, eyes.

MEDICAL CONDITIONS THAT CAN BE AGGRAVATED: Pulmonary conditions, skin disorders.

CHRONIC HEALTH HAZARDS: Repeated overexposure to this product may cause central nervous system damage, liver abnormalities, lung damage, spleen damage, cardiac abnormalities, birth defects.

In accordance with 29CFR1910.1200, this product contains no ingredients listed by NTP, IARC or OSHA as carcinogenic.

NOTICE: Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents of this package may be harmful or fatal.

EMERGENCY AND FIRST AID PROCEDURE

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get medical attention.

EYES: Flush with water for at least 15 minutes and get medical attention.

SKIN: Flush with water for at least 15 minutes and get medical attention. Remove contaminated clothing and wash before reuse. Remove and destroy contaminated shoes.

INGESTION: Get medical attention immediately.

SECTION VI - REACTIVITY DATA

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PRO FINISHER CLEAR LACQUER GLOSS

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STABILITY: Stable under non-emergency conditions.

INCOMPATIBILITY (MATERIALS TO AVOID): Alkali, acids, oxidizers, amines, oxygen, chlorinated solvents, aldehydes, halogenated solvents, liquid chlorine, sodium hypochlorite, calcium hypochlorite, alkanolamines, ammonia, reducing agents.

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon, oxides of nitrogen. Hydrogen cyanide, toxic fumes, fumes, various hydrocarbons, aldehydes, acids, peroxides.

SECTION VII - SPILL OR LEAK PROCEDURES

CONDITIONS TO AVOID: Heat, open flame, sparks, light, dusty conditions.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Remove all sources of ignition. Wear appropriate safety equipment as listed in Section VIII. Absorb on inert material and dispose of as below.

SECTION VIII - SPECIAL PROTECTION INFORMATION

WASTE DISPOSAL METHOD: Dispose of in accordance with federal, state and local regulations. Incineration is the preferred method of disposal.

RESPIRATORY PROTECTION: Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during application and handling unless air monitoring demonstrates vapor/mist levels below applicable limits. Follow respirator manufacturer's recommendations for selection and use.

VENTILATION: Sufficient ventilation must be provided to maintain airborne concentrations below TLV, PEL and LEL limits as listed in Section II.

PROTECTIVE GLOVES: Chemical resistant, protective gloves should be worn when handling this product. Check with glove manufacturer to determine proper glove type.

EYE PROTECTION: Face shield should be worn.

OTHER PROTECTIVE EQUIPMENT: Eye bath and safety shower should be provided. Rubber apron should be worn.

HYGIENIC PRACTICES: Good personal hygiene practices are required at all times when handling chemicals. These practices include, but are

SECTION IX - STORAGE AND SPECIAL PRECAUTIONS

not limited to, washing when safety equipment is removed, at the end of each shift or when going on breaks and especially if contamination occurs.

HANDLING AND STORAGE PRECAUTIONS: All equipment should be grounded. Keep containers closed when not in use. Store in a clean, dry area. Store away from ignition sources. Store in well-ventilated area. Avoid exposure to light. Avoid strong oxidizing agents.

OTHER PRECAUTIONS: All precautions must be observed. Empty container may retain product residues.

OTHER REGULATORY INFORMATION: The State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65) develops a list of chemicals that require specific warnings relating to cancer and/or reproductive toxicity. This product contains the following chemicals subject to the reporting requirements of the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Prop 65).

SECTION IX - STORAGE AND SPECIAL PRECAUTIONS

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CHEMICAL

PRO FINISHER CLEAR LACQUER GLOSS
CAS #

REVISED: 03/10/95

QUANTITY

Toluene

108-88-3

9.9% by weight

The warning on the product states:

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

WARNING: USE OF THIS PRODUCT WILL EXPOSE YOU TO TOLUENE WHICH IS KNOWN TO CAUSE BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.

THE INFORMATION IN THIS DOCUMENT IS BELIEVED TO BE CORRECT AS OF THE DATE ISSUED. HOWEVER, NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY IS EXPRESSED OR IS TO BE IMPLIED REGARDING THE ACCURACY OR COMPLETENESS OF THIS INFORMATION, THE RESULTS TO BE OBTAINED FROM THE USE OF THIS INFORMATION OR THE PRODUCT, THE SAFETY OF THIS PRODUCT OR THE HAZARDS RELATED TO ITS USE. THIS INFORMATION AND PRODUCT ARE FURNISHED ON THE CONDITION THAT THE PERSON RECEIVING THEM SHALL MAKE HIS OWN DETERMINATION AS TO THE SUITABILITY OF THE PRODUCT FOR HIS PARTICULAR PURPOSE AND ON THE CONDITION THAT HE ASSUME THE RISK OF HIS USE THEREOF.